

PATENT ABSTRACTS OF JAPAN

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(21)Application number : 59-146922

(71)Applicant : FUJI XEROX CO LTD

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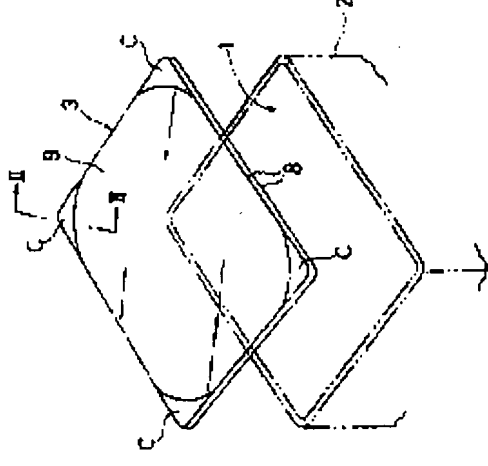
(72)Inventor : MIYAMOTO JUNZO

(54) EXPOSURE DEVICE OF COPYING MACHINE

(57)Abstract:

PURPOSE: To keep always the illuminance distribution of a projected image on a photosensitive surface uniform by peeling properly parts of a coating layer corresponding to respective corner parts of a platen to increase the light going from corner parts of the platen toward the photosensitive surface.

CONSTITUTION: Both faces of a platen 3 are coated with reflection preventing films 8, and the front face is coated with a transparent conductive film 9 furthermore to form a coating layer, and parts of this coating layer corresponding to corner parts C of the platen 3 are peeled. Thus, the quantity of light irradiated from corner parts C of the platen 3 to the photosensitive surface is hardly smaller than that irradiated to corner parts C. Since the quantity of light reaching parts other than corner parts C is reduced uniformly by the reduction of the transmittance due to the coating layer, the quantity of light irradiated to the photosensitive surface from parts other than corner parts C of the platen 3 is slightly smaller than the quantity of light irradiated to these parts. As the result, the quantity of light



irradiated from corner parts C of the platen 3 and that from other parts are approximately equal to each other relatively, and a lack of illuminance on parts of the photosensitive surface corresponding to corner parts C is eliminated, and the copy quality is kept well.

LEGAL STATUS

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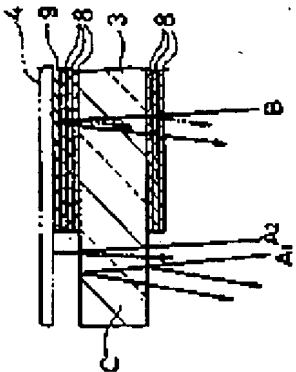
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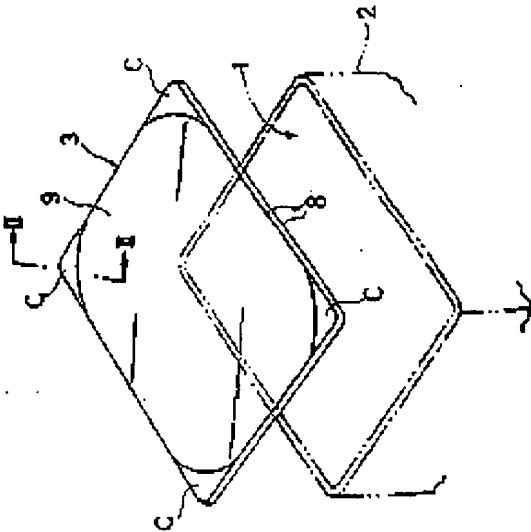
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第 2 図

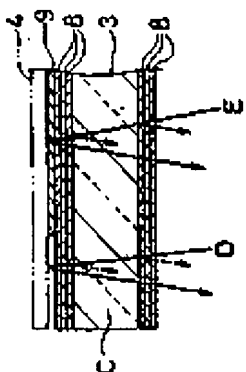


2:ハウジング
3:プラチナ
8:反射防止膜
9:透明電極膜
C:プラチナの端部

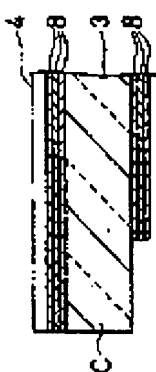
第 1 図



第 3 図



第 4 図



4:境界層

特開昭61-26039(6)

第 6 圖



第 7 圖

